



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

US EPA RECORDS CENTER REGION 5



412341

NARRATIVE INSPECTION REPORT DOCUMENT

Date of Inspection: May 13, 1987

Inspector: Randy Ballard

Site Code: 1 1 9 0 9 0 0 0 2

County: Madison

Site Name: Roxana/GSX Barton #2

Time: 10:30 am - 1:20 pm

GENERAL REMARKS

Chuck Reeter and I arrived at Roxana/GSX Barton #2 Landfill at 10:30 a.m. on May 3, 1987. Chuck was present to observe the status of the bentonite slurry wall construction while I was to inspect the landfill and its operations.

We were met at the main office by the landfill's manager, Mike Whitlock. Mr. Whitlock escorted us through the inspection. While in Mr. Whitlock's office, Chuck and I asked him to explain missing groundwater well data for the Oct.-Dec. '86 quarter for G104, G105 and G115. Mr. Whitlock replied that G104 and G105 had been destroyed and G115 had been inundated with water during the process of slurry wall construction. Thus, the groundwater monitor data for these wells was unobtainable for this quarter. A groundwater report was submitted for this quarter which revealed the monitor wells to be inoperable. These three wells have since been replaced (G104 on 1-13-87, G105 on 1-23-87, G115 on 1-16-87). The destruction and damage to the three wells have resulted in the violation of three permit conditions under Attachment A of the water monitoring program, permit number 1982-43-OP. These violations are as follows: #7 - The portion of the well casing, extending above the ground surface, must be protected so that it cannot be damaged or tampered with; #9 - All monitoring points shall be maintained such that a sample may be obtained; #12 - After the first year, each monitoring point must be sampled quarterly and the samples analyzed for parameters as specified by the Agency. Permit violations are noted on the inspection checklist (1).

While observing the spreading and compacting operations at the active area, I asked Mr. Whitlock the thickness of their emplaced lifts. He told me between 4 to 4-1/2 feet. The thickness of the refuse being worked at the active area was much thicker than this as can be seen in photos 6 & 7. Although the spreading and compacting was in progress at that time, the sheer thickness of deposited refuse made the task of attaining adequate compaction a formidable one (3). Slope was steeper than 2:1. (4)

Uncovered refuse lay exposed and/or protruding in two separate areas on the southwest slope as can be seen in photos 1-4. The plastic bags which can be seen in photos 3 & 4 are likely the result of litter collection efforts which were underway during the inspection. Litter is collected from the grounds and placed in trash bags which are left in place to be collected at the end of the working day. As can be seen in these photos, however, the refuse lying exposed around the bags is weathered. This area is not near the active area. Cover violations (6, 7) are charged.

Leaving this site, I proceeded immediately to the adjacent #1 site.

RDB:pbo/0161L

Randy Ballard

GDS:BB:tk:3/2/12(9/18/86)

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SITE SKETCH

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